**IT Applications, Unit 4**

**Ch 6, Developing a solution using spreadsheet software, p 192-195**

Case Study: Point Pleasant Social Service Program – organisational outline and current practice

Read the case study:

1 Complete the think about IT, 6-3 activity:

1. Which current practices at Point Pleasant High School have led to inaccurate information?

* Currently Point Pleasant High School has been allowing every year to tally up and calculate the amount of money that each form group has raised for its chosen charity. This could have incorrect information due to miscalculations as it is all done manually.

1. What types of validation errors might occur using the current information processing methods?

* Calculations would be the main error that would occur as it is all done manually

Analysing the problem

1. in the analysis stage there are three parts, elaborate under each of the following:
   1. define the problem

* Point pleasant Social Service Program complete all of their calculations of money manually, it is also passed to and from many people and not filed in an efficient manner.
  1. constraints
     1. list the constraints
  + cost
  + speed of processing
  + requirements of users
  + legal requirements
  + security
  + compatibility
  + level of expertise
  + capactiy
  1. scope of solution
     1. Describe the scope or the extent of the solution.